

# DEALER SET-UP INSTRUCTIONS & PRE-SALE CHECKLIST for SNAPPER REAR ENGINE RIDER SERIES 13

**INTRODUCTION:** Be certain that the technician setting-up the mower **CAREFULLY** follows the procedures described on pages 1 and 2 of this manual. Pre-delivery checks and services are listed on pages 3 and 4. Fill out the last two pages at the time of delivery and file the checklist for future reference.

**SET-UP PROCEDURE:** The following steps are recommended in preparing the mower for operation after uncrating.

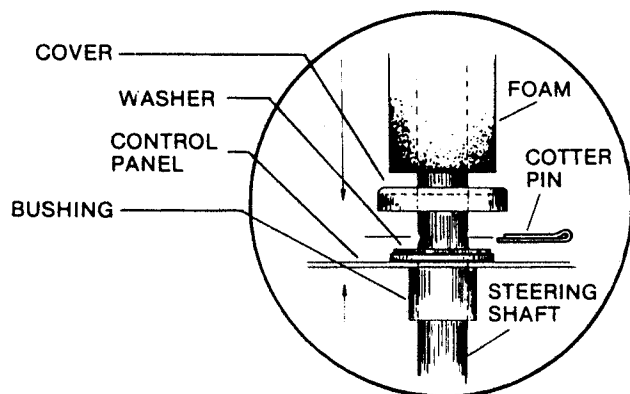
**STEP 1:** Stand the mower on the rear bumper and push the steering shaft UP. Move the cotter pin from the top hole to the lower hole in UPPER end of shaft and then spread the pin to secure the shaft.

**NOTE:** The shaft may have to be rotated slightly to clear the deck or axle.

**STEP 2:** Units with narrow front frame install bushings and flat washers and then connect the tie rods to the steering arm as shown in Figure 1 using cotter pins. Units with wide front frame install tie rods into king pin arms and secure with lock washers and nuts as shown Figure 1A

**STEP 3:** With the mower still standing on the rear bumper, perform the cutting blade and differential grease checks as described on page 3. Then lower the mower back down on its wheels and continue with the set-up.

**STEP 4:** Install the steering shaft cover and foam shaft cover. Install the steering wheel which is "off-set", with the "off-set" toward the seat. Secure the wheel with the 1/4" roll pin.



**NOTE:** Support the wheel while driving the pin to prevent damaging the wheel, shaft, or bushing. Refer to FIG. 2.

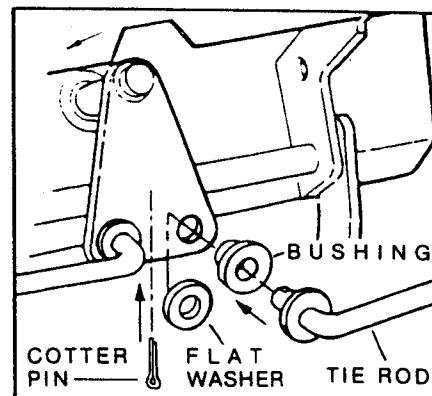


Figure 1 - CONNECTING TIE RODS NARROW FRONT FRAME

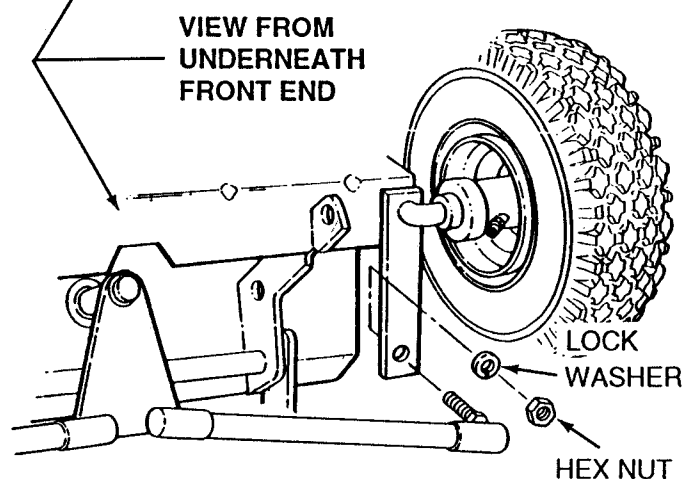


Figure 1A - CONNECTING TIE RODS WIDE FRONT FRAME

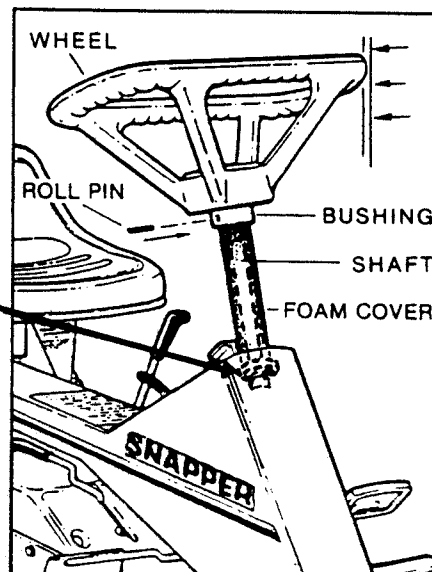


Figure 2 - INSTALLING STEERING WHEEL

**STEP 5:** Remove the operator's seat from plastic bag and position on top of seat bracket. Remove the two flange bolts from the hardware bag and insert through the two (slotted) REAR holes in underside of bracket and screw into the threaded holes in REAR of seat. Tighten these bolts until the seat is almost snug (allow the seat to slide).

Remove both "three prong" knobs and two spacers from the hardware bag and slip one spacer on each knob stud. Insert the studs through the two (slotted) FRONT holes in seat bracket and screw into threaded holes in underside of seat. Adjust seat to the desired forward or rearward position and then tighten knobs. Refer to FIG. 3.

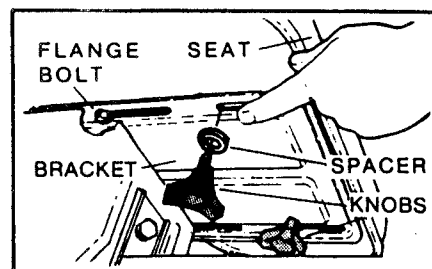


Figure 3 - INSTALLING OPERATOR'S SEAT

**STEP 6:** Install the fuel tank by snapping the tank (as shown in Figure 4 DOWN into the tank bracket. The two front grooves and long rear groove found on tank will receive the embossed corresponding areas (formed in the seat bracket) and will secure the fuel tank in the proper position. Slip a clamp on the end of the fuel line, connect the line to the tank fitting, and then move the clamp up to the fitting to secure the connection. **NOTE:** On 16 HP Briggs engines route fuel line from carburetor around the rear of engine to the left side (sitting in operator's position) and connect to tank and secure with clamp. **CAUTION:** Do not route fuel line over or near exhaust manifold or muffler as it could cause serious injury by fire.

**STEP 7:** Rear engine riding mowers are shipped with the side discharge deflector in the UP position. Lower and secure with two 5/16" carriage bolts and hex nuts.

**STEP 8:** On electric start models, the battery must be prepared for operation. Unscrewing the two wingnuts securing the battery cover, and then lower the cover. Remove the battery, then activate & charge it according to the instructions which are provided.

Sit the battery back in it's chamber and: **FIRST** connect the **POSITIVE** wire (RED) to the **POSITIVE** terminal with a 1/4" hex bolt and locknut and slide the "Red Boot" (terminal cover) into position over the terminal. Slide the battery further into the chamber and connect the ground wire (BLACK) to the negative terminal with a 1/4" hex bolt and locknut. Reposition the battery cover and secure with the two wingnuts.

**NOTE:** To prevent possible damage to "DRY" battery, connect the charging wire **ONLY** after the battery has been activated, connected, and secured. The charging wire is found at the back of engine near the starter motor.

**NOTE:** Complete the pre-sale checklist on pages 3 and 4 **PRIOR TO DELIVERY**. Place these pages in your file for future record reference.

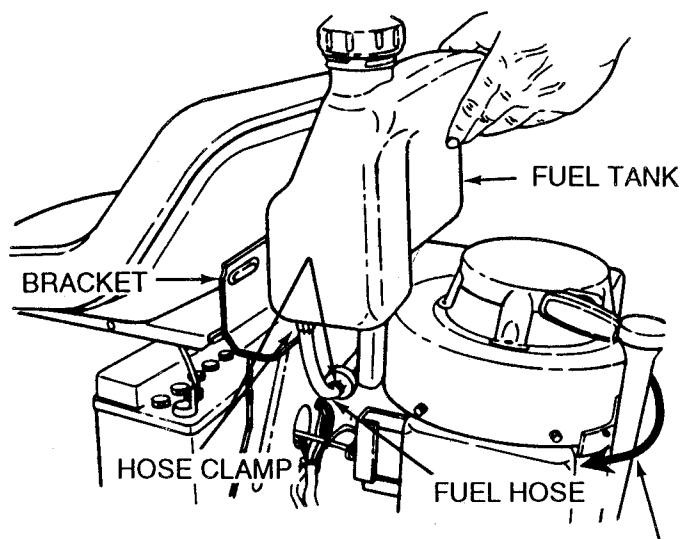


Figure 4 - INSTALLING FUEL TANK 16 HP FUEL LINE ROUTE

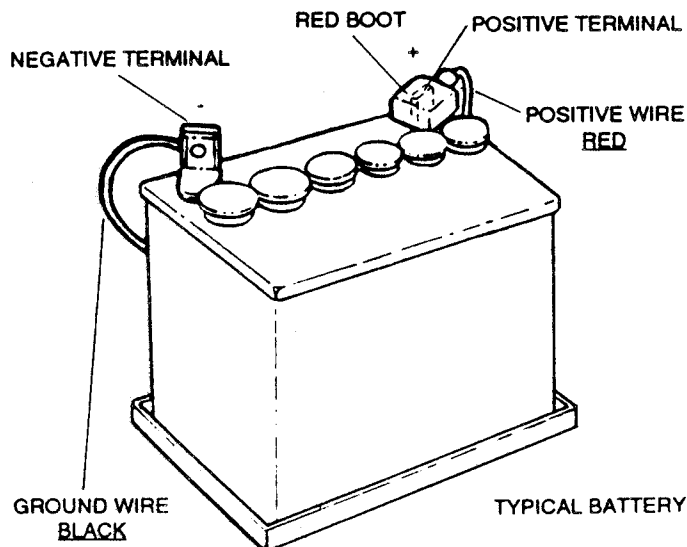


Figure 5 - BATTERY INSTALLATION

# DEALER PRE-SALE CHECKLIST

The following must be accomplished prior to sale. Refer to pages 1 & 2 for detailed set-up instructions. Review this list with purchaser. Check (✓) items actually performed and sign on page 4.

## SET-UP CHECKLIST

- \_\_\_STEERING wheel assembled on steering shaft.
- \_\_\_STEERING LINK (tie rods) connected.
- \_\_\_OPERATOR'S SEAT installed and tightened.
- \_\_\_FUEL TANK installed and fuel line connected.
- \_\_\_GRASS DEFLECTOR positioned, secured, and checked on all models.
- \_\_\_BATTERY on electric start models removed, serviced per battery instructions (do not overfill), and reinstalled.

## CUTTING BLADE & DECK CHECKS

- \_\_\_BLADE RETAINING hardware checked for proper tightness.
- \_\_\_BLADE ALIGNMENT checked for equal tracking and adjusted as needed.
- \_\_\_BLADE TIP CLEARANCE inside lower edge of deck checked and corrected as needed.
- \_\_\_DECK CUTTING HEIGHT SETTINGS checked and adjusted as needed (with tires properly inflated).
- \_\_\_DECK SIDE TO SIDE level checked and adjusted as needed (with tires properly inflated).
- \_\_\_DECK FRONT TO REAR setting checked and adjusted as needed (with tires properly inflated).
- \_\_\_BLADE LEVER TRAVEL checked and adjusted as needed.
- \_\_\_BELT TENSION checked and adjusted as needed.
- \_\_\_BLADE CONTROLS work freely with no binding.

## PRE-START CHECKS & SERVICES

- \_\_\_TIRES checked and inflated to proper pressures.
- \_\_\_ENGINE OIL added to bring level up to the full mark. Do not overfill.
- \_\_\_DIFFERENTIAL checked and grease added as needed.
- \_\_\_CHAIN CASE checked and grease added as needed.
- \_\_\_YOKE LIFT lubricated at all moving points and checked for freedom of movement.
- \_\_\_FUEL added to tank and system checked for leaks.
- \_\_\_BATTERY reinstalled and properly connected on electric start models.

## OPERATIONAL TEST

- \_\_\_INTERLOCK systems checked to insure proper functioning.
- \_\_\_ENGINE started and throttle control settings checked and adjusted as needed.
- \_\_\_THROTTLE CONTROL checked to insure stopping of engine when moved to OFF position.
- \_\_\_IGNITION SWITCH checked to insure stopping when turned to OFF position.
- \_\_\_PARKING BRAKE tested to insure proper operation.
- \_\_\_CLUTCH-BRAKE tested to insure proper clutch operation and stopping.

(OVER)

## AUTOMATIC BLADE STOP TESTS

- ☐ BLADE stops in less than 3 seconds when BLADE PEDAL is released.
- ☐ BLADE LEVER can be shifted OFF while BLADE PEDAL is depressed.
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## DEMONSTRATION & INSTRUCTION

- ☐ PERSONALLY HANDED Operator's Manual and Mower Safety Booklet to purchaser.
- ☐ INSTRUCTED purchaser to read and follow instructions in Operator's Manual.
- ☐ DEMONSTRATED proper operation of mower to purchaser.
- ☐ AIR CLEANER SERVICE and OIL CHECKING procedure explained to customer.
- ☐ ASSISTED purchaser in completing Product Registration card.
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## DEALER'S RECORDS

Sale Date \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Dealer's Name \_\_\_\_\_ Signature \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

MOWER WILL BE USED COMMERCIALY? YES \_\_\_\_\_ NO \_\_\_\_\_

Purchaser's Name \_\_\_\_\_ Signature \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**IMPORTANT:** This form is to be retained by the Dealer for future reference regarding Warranty, proof of purchase, traceability for product recall or service, etc.

**SNAPPER**® McDonough, GA., 30253 U.S.A.